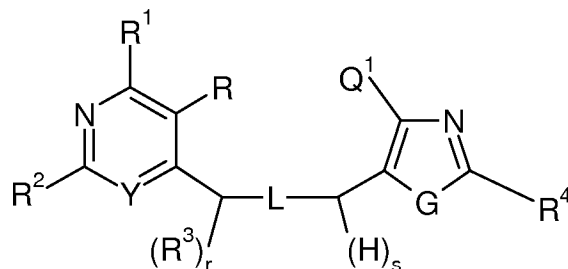


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Previously amended) A compound of the Formula I:



Formula I

wherein:

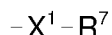
**-L-** represents a double bond and r and s each represent 1 or **-L-** represents a triple bond and r and s each represent 0;

**G** is selected from O, S and NR<sup>5</sup>;

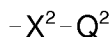
**Y** is N;

**Q<sup>1</sup>** is selected from aryl and heteroaryl,

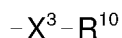
and wherein **Q<sup>1</sup>** is optionally substituted by one or more substituents, which may be the same or different, selected from halogeno, trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, carboxy, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenyloxy, (2-6C)alkynyloxy, (1-6C)alkylthio, (1-6C)alkylsulf-sulfinyl, (1-6C)alkylsulf-sulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, (3-6C)alkenoylamino, N-(1-6C)alkyl-(3-6C)alkenoylamino, (3-6C)alkynoylamino, N-(1-6C)alkyl-(3-6C)alkynoylamino, N-(1-6C)alkylsulf-sulfamoyl, N,N-di-[(1-6C)alkyl]sulf-sulfamoyl, (1-6C)alkanesulf-sulfonylamino, N-(1-6C)alkyl-(1-6C)alkanesulf-sulfonylamino, from a group of the formula:



wherein X<sup>1</sup> is a direct bond or is selected from O and N(R<sup>8</sup>), wherein R<sup>8</sup> is hydrogen or (1-6C)alkyl, and R<sup>7</sup> is halogeno-(1-6C)alkyl, hydroxy-(1-6C)alkyl, (1-6C)alkoxy-(1-6C)alkyl, cyano-(1-6C)alkyl, amino-(1-6C)alkyl, (1-6C)alkylamino-(1-6C)alkyl or di-[(1-6C)alkyl]amino-(1-6C)alkyl, and from a group of the formula :



wherein  $X^2$  is a direct bond or is selected from O, S, SO, SO<sub>2</sub>, N(R<sup>9</sup>), CO, CH(OR<sup>9</sup>), CON(R<sup>9</sup>), N(R<sup>9</sup>)CO, N(R<sup>9</sup>)CON(R<sup>9</sup>), SO<sub>2</sub>N(R<sup>9</sup>), N(R<sup>9</sup>)SO<sub>2</sub>, C(R<sup>9</sup>)<sub>2</sub>O, C(R<sup>9</sup>)<sub>2</sub>S and N(R<sup>9</sup>)C(R<sup>9</sup>)<sub>2</sub>, wherein R<sup>9</sup> is hydrogen or (1-6C)alkyl, and Q<sup>2</sup> is aryl, aryl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocyclyl or heterocyclyl-(1-6C)alkyl which optionally bears 1, 2 or 3 substituents, which may be the same or different, selected from trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, carboxy, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenyloxy, (2-6C)alkynyloxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, N-(1-6C)alkylsulfamoyl, N,N-di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino and N-(1-6C)alkyl-(1-6C)alkanesulfonylamino, and from a group of the formula:



wherein  $X^3$  is a direct bond or is selected from O and N(R<sup>11</sup>), wherein R<sup>11</sup> is hydrogen or (1-6C)alkyl, and R<sup>10</sup> is halogeno-(1-6C)alkyl, hydroxy-(1-6C)alkyl, (1-6C)alkoxy-(1-6C)alkyl, cyano-(1-6C)alkyl, amino-(1-6C)alkyl, (1-6C)alkylamino-(1-6C)alkyl or di-[(1-6C)alkyl]amino-(1-6C)alkyl, and any heterocyclyl group within Q<sup>2</sup> optionally bears 1 or 2 oxo or thioxo substituents;

**R** is selected from hydrogen, amino, hydroxy, halogeno, (1-6C)alkyl, (1-6C)alkoxy, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, carboxy, (1-6C)alkoxycarbonyl and *N*-(heterocyclyl(3-8C)cycloalkyl)carbamoyl;

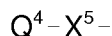
**R<sup>1</sup>** is selected from hydrogen, halogeno, trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, mercapto, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenyloxy, (2-6C)alkynyloxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, (3-6C)alkenoylamino, N-(1-6C)alkyl-(3-6C)alkenoylamino, (3-6C)alkynoylamino, N-(1-6C)alkyl-(3-6C)alkynoylamino, N-(1-6C)alkylsulfamoyl, N,N-di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino and N-(1-6C)alkyl-(1-6C)alkanesulfonylamino;

**R<sup>2</sup>** is selected from hydrogen, halogeno, amino, hydroxy, halogeno, (1-6C)alkyl, (1-6C)alkoxy, (1-6C)alkylthio, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, aryl(1-6C)alkylamino, arylamino, heterocyclyl and (2-6C)alkanoylamino;

**R<sup>3</sup>** is selected from hydrogen, (1-6C)alkyl, hydroxy(1-6C)alkyl, carboxy, (1-6C)alkoxycarbonyl, carbamoyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl and *N*-(heterocyclyl(3-8C)cycloalkyl)carbamoyl;

**R<sup>5</sup>** is, independently, as defined for **R<sup>4</sup>** and **R<sup>6</sup>**, provided that **R<sup>5</sup>** is not halogeno;

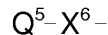
**R<sup>4</sup>** and **R<sup>6</sup>** which may be the same or different, are selected from hydrogen, halogeno, trifluoromethyl, trifluoromethoxy, cyano, isocyano, nitro, hydroxy, mercapto, amino, formyl, carboxy, carbamoyl, sulfamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenyloxy, (2-6C)alkynyloxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, (3-6C)alkenoylamino, N-(1-6C)alkyl-(3-6C)alkenoylamino, (3-6C)alkynoylamino, N-(1-6C)alkyl-(3-6C)alkynoylamino, N-(1-6C)alkylsulfamoyl, N,N-di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino and N-(1-6C)alkyl-(1-6C)alkanesulfonylamino, and from a group of the formula :



wherein  $X^5$  is a direct bond or is selected from O, S, SO, SO<sub>2</sub>, N(R<sup>12</sup>), CO, CH(OR<sup>12</sup>), CON(R<sup>12</sup>), N(R<sup>12</sup>)CO, SO<sub>2</sub>N(R<sup>12</sup>), N(R<sup>12</sup>)SO<sub>2</sub>, OC(R<sup>12</sup>)<sub>2</sub>, SC(R<sup>12</sup>)<sub>2</sub> and N(R<sup>12</sup>)C(R<sup>12</sup>)<sub>2</sub>, wherein R<sup>12</sup> is hydrogen or (1-6C)alkyl, and Q<sup>4</sup> is aryl, aryl-(1-6C)alkyl, (3-7C)cycloalkyl, (3-7C)cycloalkyl-(1-6C)alkyl, (3-7C)cycloalkenyl, (3-7C)cycloalkenyl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocyclyl or heterocyclyl-(1-6C)alkyl,

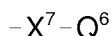
and wherein adjacent carbon atoms in any (2-6C)alkylene chain within an **R<sup>4</sup>**, **R<sup>5</sup>** or **R<sup>6</sup>** substituent are optionally separated by the insertion into the chain of a group selected from O, S, SO, SO<sub>2</sub>, N(R<sup>13</sup>), CO, CH(OR<sup>13</sup>), CON(R<sup>13</sup>), N(R<sup>13</sup>)CO, SO<sub>2</sub>N(R<sup>13</sup>), N(R<sup>13</sup>)SO<sub>2</sub>, CH=CH and C≡C wherein R<sup>13</sup> is hydrogen or (1-6C)alkyl,

and wherein any CH<sub>2</sub>=CH- or HC≡C- group within an **R<sup>4</sup>**, **R<sup>5</sup>** or **R<sup>6</sup>** substituent optionally bears at the terminal CH<sub>2</sub>= or HC≡ position a substituent selected from halogeno, carboxy, carbamoyl, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, amino-(1-6C)alkyl, (1-6C)alkylamino-(1-6C)alkyl and di-[(1-6C)alkyl]amino-(1-6C)alkyl and from a group of the formula :



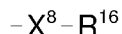
wherein  $X^6$  is a direct bond or is selected from CO and  $N(R^{14})CO$ , wherein  $R^{14}$  is hydrogen or (1-6C)alkyl, and  $Q^5$  is aryl, aryl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocyclyl or heterocyclyl-(1-6C)alkyl,

and wherein any  $CH_2$  or  $CH_3$  group within a  $R^4$ ,  $R^5$  or  $R^6$  substituent optionally bears on each said  $CH_2$  or  $CH_3$  group one or more halogeno or (1-6C)alkyl substituents or a substituent selected from hydroxy, cyano, amino, carboxy, carbamoyl, (1-6C)alkoxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, N-(1-6C)alkylsulfamoyl, N,N-di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino or N-(1-6C)alkyl-(1-6C)alkanesulfonylamino, or from a group of the formula :

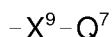


wherein  $X^7$  is a direct bond or is selected from O, S, SO,  $SO_2$ ,  $N(R^{15})$ , CO,  $CH(OR^{15})$ ,  $CON(R^{15})$ ,  $N(R^{15})CO$ ,  $SO_2N(R^{15})$ ,  $N(R^{15})SO_2$ ,  $C(R^{15})_2O$ ,  $C(R^{15})_2S$  and  $N(R^{15})C(R^{15})_2$ , wherein  $R^{15}$  is hydrogen or (1-6C)alkyl, and  $Q^6$  is aryl, aryl-(1-6C)alkyl, (3-7C)cycloalkyl, (3-7C)cycloalkyl-(1-6C)alkyl, (3-7C)cycloalkenyl, (3-7C)cycloalkenyl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocyclyl or heterocyclyl-(1-6C)alkyl,

and wherein any aryl, heteroaryl, heterocyclyl, cycloalkyl or cycloalkenyl group within a substituent on  $R^4$ ,  $R^5$  or  $R^6$  optionally bears 1 or more substituents, which may be the same or different, selected from halogeno, trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, carboxy, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenyloxy, (2-6C)alkynyloxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, N-(1-6C)alkylsulfamoyl, N,N-di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino, N-(1-6C)alkyl-(1-6C)alkanesulfonylamino, from a group of the formula :



wherein  $X^8$  is a direct bond or is selected from O and  $N(R^{17})$ , wherein  $R^{17}$  is hydrogen or (1-6C)alkyl, and  $R^{16}$  is halogeno-(1-6C)alkyl, hydroxy-(1-6C)alkyl, (1-6C)alkoxy-(1-6C)alkyl, cyano-(1-6C)alkyl, amino-(1-6C)alkyl, (1-6C)alkylamino-(1-6C)alkyl, di-[(1-6C)alkyl]amino-(1-6C)alkyl, (2-6C)alkanoylamino-(1-6C)alkyl or (1-6C)alkoxycarbonylamino-(1-6C)alkyl, and from a group of the formula :



wherein  $X^9$  is a direct bond or is selected from O, S, SO, SO<sub>2</sub>, N(R<sup>18</sup>), CO, CH(OR<sup>18</sup>), CON(R<sup>18</sup>), N(R<sup>18</sup>)CO, SO<sub>2</sub>N(R<sup>18</sup>), N(R<sup>18</sup>)SO<sub>2</sub>, C(R<sup>18</sup>)<sub>2</sub>O, C(R<sup>18</sup>)<sub>2</sub>S or N(R<sup>18</sup>)C(R<sup>18</sup>)<sub>2</sub>, wherein R<sup>18</sup> is hydrogen or (1-6C)alkyl, and Q<sup>7</sup> is aryl, aryl-(1-6C)alkyl, (3-7C)cycloalkyl, (3-7C)cycloalkyl-(1-6C)alkyl, (3-7C)cycloalkenyl, (3-7C)cycloalkenyl-(1-6C)alkyl, heteroaryl, heteroaryl-(1-6C)alkyl, heterocyclyl or heterocyclyl-(1-6C)alkyl which optionally bears 1 or 2 substituents, which may be the same or different, selected from halogeno, trifluoromethyl, trifluoromethoxy, cyano, nitro, hydroxy, amino, carboxy, carbamoyl, (1-6C)alkyl, (2-8C)alkenyl, (2-8C)alkynyl, (1-6C)alkoxy, (2-6C)alkenyloxy, (2-6C)alkynyloxy, (1-6C)alkylthio, (1-6C)alkylsulfinyl, (1-6C)alkylsulfonyl, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, (1-6C)alkoxycarbonyl, N-(1-6C)alkylcarbamoyl, N,N-di-[(1-6C)alkyl]carbamoyl, (2-6C)alkanoyl, (2-6C)alkanoyloxy, (2-6C)alkanoylamino, N-(1-6C)alkyl-(2-6C)alkanoylamino, N-(1-6C)alkylsulfamoyl, N,N-di-[(1-6C)alkyl]sulfamoyl, (1-6C)alkanesulfonylamino and N-(1-6C)alkyl-(1-6C)alkanesulfonylamino,

or when G is NR<sup>5</sup>, R<sup>4</sup> and R<sup>5</sup> together with the atoms to which they are attached form a fused 5- or 6- membered heteroaryl or heterocyclyl ring, and wherein said fused 5- or 6-membered ring optionally bears one or more substituents as defined for R<sup>4</sup>,

and any fused 5- or 6- membered heterocyclyl ring so formed optionally bears 1 or 2 oxo or thioxo substituents,

and wherein any heterocyclyl group within any R<sup>4</sup>, R<sup>5</sup> or R<sup>6</sup> substituent optionally bears 1 or 2 oxo or thioxo substituents;

or a pharmaceutically-acceptable salt thereof;

provided the compound is not 4-[-2-(6-phenylimidazo[2,1-b][1,3-thiazol-5-yl)ethenyl]-2-pyrimidinamine.

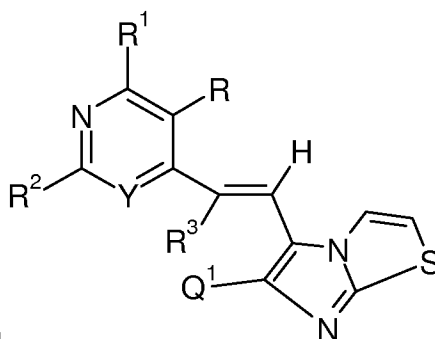
2. (original) A pharmaceutical composition which comprises a compound of the Formula I, or a pharmaceutically acceptable salt thereof, as defined in claim 1 in association with a pharmaceutically-acceptable diluent or carrier.

3. (Previously canceled)

4. (Previously canceled)

5. (Previously canceled)

6. (Previously presented) A compound according to Claim 1 wherein **R** is selected from hydrogen, halogeno, carboxy, (1-6C)alkoxycarbonyl and *N*-(heterocyclyl(3-8C)cycloalkyl)carbamoyl or a pharmaceutically acceptable salt thereof.
7. (Previously presented) A compound according to Claim 1 wherein **R**<sup>1</sup> is selected from hydrogen, amino and (1-6C)alkyl or a pharmaceutically acceptable salt thereof.
8. (Previously presented) A compound according to Claim 1 wherein **R**<sup>2</sup> is selected from hydrogen, halogeno, hydroxy, amino, (1-6C)alkylthio, (1-6C)alkylamino, di-[(1-6C)alkyl]amino, aryl(1-6C)alkylamino, arylamino, heterocyclyl and (2-6C)alkanoylamino or a pharmaceutically acceptable salt thereof.
9. (Previously presented) A compound according to Claim 1 wherein **R**<sup>3</sup> is selected from hydrogen, carboxy, (1-6C)alkoxycarbonyl, hydroxy(1-6C)alkyl, N-(1-6C)alkylcarbamoyl and N-(heterocyclyl(3-8C)cycloalkyl)carbamoyl or a pharmaceutically acceptable salt thereof.
10. (Previously presented) A compound according to Claim 1 wherein **R**<sup>4</sup> is hydrogen and **R**<sup>5</sup> is selected from (1-6C)alkyl, aryl(1-6C)alkyl, carboxy(1-6C)alkyl, heterocyclyl(1-6C)alkyl and amino(1-6C)alkyl wherein the amino group is optionally substituted by one or more (1-6C)alkyl or a pharmaceutically acceptable salt thereof.
11. (Previously canceled)
12. (Previously canceled)
13. (New) A compound according to Claim 1 as represented by Formula II



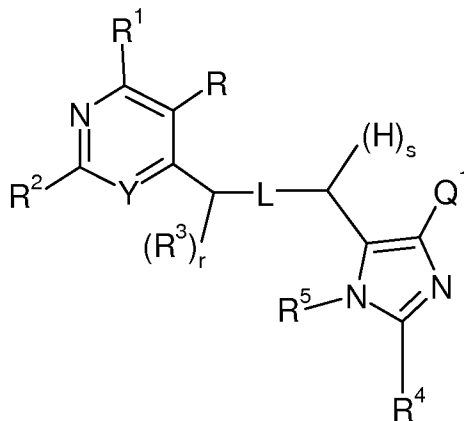
Formula II

wherein

**Y**, **Q<sup>1</sup>**, **R**, **R<sup>1</sup>**, **R<sup>2</sup>** and **R<sup>3</sup>** are as defined in Claim 1;

or a pharmaceutically-acceptable salt thereof.

14. (New) A compound according to Claim 1 as represented by Formula III



Formula III

wherein

**Y**, **Q<sup>1</sup>**, **L**, **R**, **R<sup>1</sup>**, **R<sup>2</sup>**, **R<sup>3</sup>**, **R<sup>4</sup>**, **R<sup>5</sup>**, **r** and **s** are as defined in Claim 1;

or a pharmaceutically-acceptable salt thereof.